

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-307908

(43)Date of publication of application : 15.12.1988

(51)Int.Cl.

B29C 33/40
// B29K103:08

(21)Application number : 62-143339

(71)Applicant : MITSUBISHI GAS CHEM CO INC

(22)Date of filing : 10.06.1987

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(54) PREPARATION OF RESIN MOLD

(57)Abstract:

PURPOSE: To prevent the breakage and crack of a cast resin, by using a model having a full-aromatic polyamide nonwoven fabric or fiber fixed to the surface thereof.

CONSTITUTION: In a method for preparing a resin mold wherein a product master or a model having the product master temporarily fixed thereto and having a releasable surface is used and a thermosetting resin composition containing a metal powder or fiber as an essential component is used, as a resin component for forming a mold cavity, an addition polymerization type thermosetting resin composition whose glass transition temp. after curing is 100 ° C or higher is used and a wholly polyamide nonwoven fabric or fiber is arranged at least on the surface of said model along with said thermosetting resin composition and the thermosetting resin composition is heated under pressure if desired to be pre-cured or cured to remove the model. The metal powder or fiber in the thermosetting resin composition is pref. used in an amount of 20W70 vol.%.